Depth 6	Contents 7	Reference to last Measurement 8

Bill.

M.A.R. 57 (Rule 116)

Measurement Book

DBR No 06/17-18
DATED 28/4/2017
No. A/10 3924

Name of work: Providing open gym in parks of Yelahanka A Sector & B Sector of Yelahanka in ward no-04 From ..... To .....

Name of Contractor of nature of Agency: M/s. KRIDL

Date of commencement of work: 20/3/2016

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Name of work:- Providing open gym in parks of Yelahanka 'A' Sector & 'B' Sector of Yelahanka in ward no-04. Est cost/- = 50.00 lakhs P-Code - P-3089 (CMC & TMC Grants) Jobcode = 004-17-000006 AS No & Date:- EE(PR)/YZ/AS/PR/05/16-17 Dt: 18/3/17 TS No & Date:- CE(YNZ)/TS/180/16-17 Dt: 20/3/17 WO No & Date:- EE(PR)/YNK Zone/WO/39/16-17 Dt: 20/3/17 Agg no & Date:- BBMP/EE(PR)/YZ/Agg/40/16-17 Dt: 20/3/17 Agency name:- M/s. KRIDL Date of Commencement:- 20/3/2017. ~~Date of Comp~~						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item NO-01 Dismantling of existing str like culverts, Bridges, retaining walls & other str comprising of masonry, C.C, wood work, steel work, including T&P & scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceible material & stacking the serviceible material with all lifts complete as per spec. By mechanical mean. C.G M-15 & M-20						
	Qty Vide Measurement sheet (11) & enclosed excel sheet					6.59 cum	
	@ rate of Rs. 365.70/- per cum					Rs. 2409/-	
	Item NO-03 Earth work excavation in found^{n} of building, water supply, sanitary lines & electrical conduits either in pits or in trenches 1.5m & above in ordinary soil not exceeding 1.5m in depth including dressing the bottom & sides of pits & trenches, stacking the excavated soil clear from edges of excavations with						

Serial No.....

Name of work.....

Name of Contractor of nature o

Date of commencement of wor

Date	Full description, etc, of
1	2
	lead upto 50m o
	Qty Vide Mea enclosed @ rate o
	Item NO-02 Earth work The ground mar & trenches of pipe distance not exce

OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8

weeks, Bridges, retaining walls & other
ork, steel work, including T&P &
the dismantled material, disposal
ewicible material with all lifts
an. C.G M-15 & M-20.

) & 6.59 cum

m

Rs. 2409/-

uilding, water supply, sanitary lines &
hes 1.5m & above in ordinary soil
ring the bottom & sides of pits &
es from edges of excavation with

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 3925

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	lead upto 50m after breaking of clods complete as per specification. Qty Vide Measurement sheet (12) of enclosed excel sheet @ rate of Rs. 200.34/- per cum					~~1650.61~~ 17.82 cum	
						Rs. ~~1006.32~~ 3570.05	
	Item No-02 Earth work in surface excavation in hard soil for levelling & lowering the ground manually (other than found^{n} of building, culverts, road drains & trenches of pipelines & cables) & removing the excavated stuff to a distance not exceeding 50m & lift upto 1.5m excavated surface levelled &						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	neatly dressed, disposed earth to be levelled after breaking of clods & neatly dressed as per specifications.						
	Qty Vide Measurement sheet (12) of enclosed excel sheet					45.64 cum	
	@ rate of Rs. 233.20/- per cum						
						Rs. 10643.24	
	Item NO-04						
	Providing & filling in foundn with granite/ trap broken metal 100mm & down size, with approved sand including hand packing, ramming, watering including cost of material, labour with all lead & lift complete as per specification.						
	Qty Vide Measurement sheet (14) of enclosed excel sheet					4.39 Cum	

Serial No.....

Name of work.....

Name of Contractor of nature of Agency....

Date of commencement of work.....

Date	Full description, etc, of work	N
1	2	
	@ rate of Rs.	
	Item NO-05	
	Refilling available ... 20cm in depth, compactin... with lead upto 50m & lift u... specification.	
	Qty Vide Me...	
	enclosed excel sheet	

	Contents 7	Reference to last Measurement 8
...ftes	breaking of clods &	
	45.64 cum	
	Rs.	10643.24
...eap	broken metal 100mm &	
...d packing, ramming,		
...th all lead & lift complete		
	4.39 Cum	

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 3926

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	@ rate of Rs.	2240.	84/-	per cum			
						Rs.	9842.00
	Item No-05 Refilling available earth around pipeline, cables in layers not exceeding 20cm in depth, compacting each deposited layer by ramming after watering with lead upto 50m & lift upto 1.5m including cost of labour complete as per specification. Qty Vide Measurement sheet (15) of enclosed excel sheet					16.39 Cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	@ rate of Rs. 80.56/- per cum						
						Rs	1320.37
	Item NO-06						
	Providing & fixing precast solid cement concrete kerb stones made out of CC 1:2:4 with top & bottom width 114 & 165 mm respectively. 40mm high & 450mm in length finished with cm 1:3, plastering & finishing curing, including formwork, curing, including cost of material, labour, hire charges of machinery, loading, unloading lead & lift, transportation etc complete.						
	Qty Vide Measurement sheet (16) of enclosed excel sheet					298 Nos	
	@ rate of Rs. 385.84/- per nos.						
						Rs.	114980.32
	Item NO-07						
	Providing & laying in position PCC of mix CC 1:4:8 with OPC @ 180 kgs						

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Nur
1	2	
	with 40mm & downsize g	
	0.57 cum machine mixed,	
	well compacted in found	
	machinery, curing compl	
	Qty Vide Measure	
	enclosed excel she	
	@ rate of Rs. 51	
	Item NO-08	
	Providing & laying i	

	Contents 7	Reference to last Measurement 8
		Rs 1320.37
ete kerb stones made out respectively. 40mm high finishing curing, including hire charges of machinery, mplete.		
	298 Nos	
		Rs. 114980.32
4:8 with OPC @ 180 kgs		

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 3927

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	with 40mm & downsize graded granite metal, CA @ 0.85 cum & FA @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15 cm thick, well compacted in Foundn including cost of material, labour, Hom & machinery, curing complete as per specification Qty Vide Measurement sheet (18) of enclosed excel sheet @ rate of Rs. 5159.02/- per cum					28.60 27.40 cum	
						Rs. 141357.14	147540.50
	Item No-08 Providing & laying in position PCC M-20 with OPC @ 300 kg with 20mm						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	& downsize graded granite metal CA @ 0.69 cum & FA @ 0.43 cum machine mixed, concrete laid in layers not exceeding 15 cm thick well compacted in found^{n} & plinth, including cost of material, labour, Hire of machinery, curing complete as per specification.						
	Qty Vide Measurement sheet (20) of enclosed excel sheet					17.51 cum	
	@ rate of Rs 58 74.52 per cum						
						Rs. 102862.85 / 100990.40	
	Item NO-09						
	Providing & fixing cement base precast, pre-polished cement concrete designer tiles 25 cm thick confirming to IS 1237 heavy duty tiles for flooring, treads of steps & landing, laid on a bed of 12 mm thick CM 1:3 mix finished with flush pointing with white cement, including cost of						

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Nu
1	2	
	material, cutting, grudd labour, curing complete	
	Qty Vide Measure enclosed excel sheet	
	@ rate of Rs. 11	
	Item NO-10	
	Removing & renting	
	Qty Vide Measure enclosed excel sh	

	Contents 7	Reference to last Measurement 8
	A @ 0.43cum machine thick well compacted in Hom of machinery,	
	17.51 cum	
	Rs. 102862.84 100990.40	
	olished cement concrete heavy duty tiles for of 12mm thick cm 1:3 , including cost of	

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 3928

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	material, cutting, gradding the edge to half full round wherever required labour, curing complete as per specification Qty Vide Measurement sheet (21) of enclosed excel sheet @ rate of Rs. 1116.18/- per Sqm					152.35	Sqm
						Rs. 170050.02 170048.60	
	Item NO-10 Removing & renting of kerb stone Qty Vide Measurement sheet (22) of enclosed excel sheet					450.05	mtr

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	@ rate of Rs. 65.72/- per mtr						
						Rs.	29577.28
	Item NO-11						
	Providing & applying ready mix priming coat over concrete/masonary/ asbestos cement sheet/ plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt & other foreign matter, & sand papering including cost of material, labour complete as per speci						
	Qty Vide Measurement sheet (23) of enclosed excel sheet					55.31	Sqm
	@ rate of Rs. 27.56/- per Sqm						
						Rs.	1524.34/-

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Num
1	2	
	Item NO-12	
	Painting on concrete based cement paint to surface of dirt, dust, oil 25 sqm complete as per Qty Vide Measure enclosed excel sheet	
	@ rate of Rs. 66.	

Depth 6	Contents 7	Reference to last Measurement 8
		Rs. 29577.28
coat over concrete/masonry/ ding preparing the surface & other foreign matter, bour complete as per speci	55.31 Sqm	Rs. 1524.34/-

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 3929

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Item NO-12 Painting on concrete surface. Providing & applying 2 coats of water based cement paint to unplastered concrete surface after cleaning the surface of dirt, dust, oilgrease, efflorescence & applying paint @1ltr/ 2sqm complete as per speci Qty Vide Measurement sheet- (24) of enclosed excel sheet @ rate of Rs. 66.78/- per Sqm					279.82 Sqm	Rs. 18686.37

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty Vide Measurement sheet (35) of enclosed excel sheet					1 Nos	
	@ rate of Rs. 15,332/-					Rs.	15,332/-
	Item NO-25						
	Providing & fixing ornamental delhi benches as per design spec & fixing as per the directions of eng-in-charge of work.						
	Qty Vide Measurement sheet (36) of enclosed excel sheet					10 Nos	
	@ rate of Rs. 8500/-					Rs.	85,000/-

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Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Num
1	2	3
	Item NO-26	
	Providing & fixing gra	
	the directions of eng-in-cha	
	Qty Vide Measure	
	enclosed excel she	
	@ rate of Rs.	10,5
	Item NO-27	
	Providing & fixing dust	
	eng-in-charge of work.	

	Contents	Reference to last Measurement
	7	8
	1 Nos	
	Rs.	15,332/-
er design spec & fixing		
	10 Nos	
	Rs.	85,000/-

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 3937

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item NO-26 Providing & fixing granite benches as per design spec & fixing as per the direction of eng-in-charge of work. Qty Vide Measurement sheet (37) of enclosed excel sheet @ rate of Rs. 10,550/-					10 Nos Rs.	105,500/-
	Item NO-27 Providing & fixing dust bins as per design spec & direction as per eng-in-charge of work.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty Vide Measurement sheet enclosed excel sheet @ rate of Rs. 4800/-			(38) Sft		9 Nos	
							Rs. 43,200/-
	Item NO-28 Providing & reselling of available heavy duty cobble stones 60mm thick interlock pavers, using cement & course sand for manufacture of blocks as apb size, shape & colour with a min comp strength of 281 kg/sqm over 50 mm joints, final compaction of paver surface joints into its final level, including thick sand bed (avg thickness) & compacting with plate Vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in b/w labour & Hom of machinery complete as per specification.						

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Nu
1	2	
	Qty Vide Measurem enclosed excel shee @ rate of Rs. 45	
	Item NO-29 Providing & fixing interlocking pavers, usi blocks of apb size, shape	

	Contents	Reference to last Measurement
	7	8
	9 Nos	
		Rs. 43,200/-

g cobble stones 60mm
d for manufacture of blocks
ngth of 281 kg/sqm over 50 mm
into its final level, including
plate Vibrator having 3 tons
ndeneath to come up in b/w
ification.

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 3938

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty Vide Measurement sheet (39) of enclosed excel sheet @ rate of Rs. 457.92/- per Sqm.					215.95 Sqm	
							Rs. 98887.82
	Item NO-29 Providing & fixing of available heavy duty cobble stone 60mm thick interlocking pavers, using cement & course sand for manufacture of blocks of app size, shape & colour with min comp strength of 281 kg/sqm						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	over 50mm joints, Final compaction of paver surface joints into its final level, including thick sand bed (avg thickness) & compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneaths to come upin b/w labour, Hom & machinery complete as per specification.						
	Qty Vide Measurement sheet (40) of enclosed excel sheet					54.05 Sqm	
	@ rate of Rs. 966.72/- per Sqm						
						Rs.	52251.21
	Item NO-30						
	Lead for earthwork & disposal of debris shall be payable at carriage rates by mechanical means including loadings & unloading for earthwork (upto 10km) complete with all lead & lift as per the direction of Eng-in-charge.						

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Num
1	2	3
	Qty Vide Measureme	
	enclosed excel sheet	
	@ rate of Rs.	99.

Depth 6	Contents 7	Reference to last Measurement 8
ouface joints into its final ompacting with plate vibrator aet of sand underneath to te as per specification.		
	54.05 Sqm	
	Rs. 52251.21	
shall be payable at carriage s unloading for earthwork e the directions of		

M.A.R. 57 (Rule 116)

3939

Measurement Book No. A/10

Serial No.....

Name of work.....From.....To.....

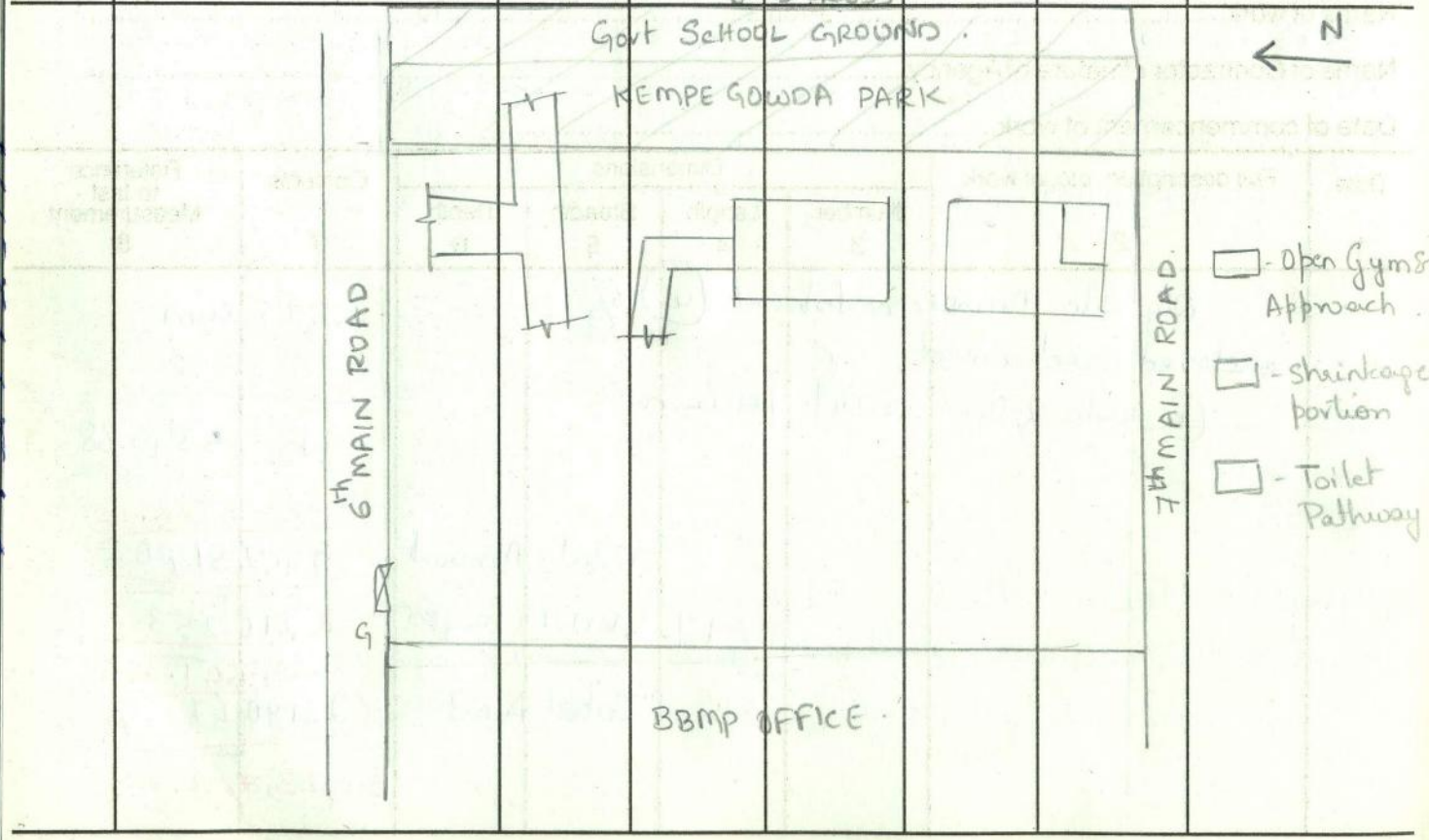
Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty Vide Measurements sheet (4) of enclosed excel sheet @ rate of Rs. 99.64/- per cum.					53.65 Cum	
						Rs. 5345.68	
						24,07,126.16	
				Total Amount		= 2402814.07	
				9% KRIDL charges		= 216253.27	
						216641.35	
				Total Amt		= 2619067.34	
						26,23,767.52	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



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Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Num
1	2	3
I & Parts	26,23,767.00	
IT	52,475.00	
VAT	1,04,951.00	
CESS	26,238.00	
CGF	2,624.00	
FSD	1,96,783.00	
LR	9,059.00	
T/D	3,92,130.00	
Payable	22,31,637.00	

	Contents 7	Reference to last Measurement 8
		N ← 7th MAIN ROAD □ - Open Gyms Approach. □ - Shrinkage portion □ - Toilet Pathway.

M.A.R. 57 (Rule 116)

Measurement Book

3940

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
I & part:	26,23,767.00						
IT	52,475.00						
VAT	1,04,951.00						
CESS	26,238.00						
CGF	2,624.00						
FSD	1,96,783.00						
LR	9,059.00						
T/D	3,92,130.00						
Payable	22,31,637.00						

Audited & Admitted for Rs. 26,23,767/-

Rs. 22,31,637/- by Cheque

and Rs. 3,92,130/- by Adjustment

Acctt. Supdt.
Project Division
B.B.M.P.

Exe. Engineer
Project Division
B.B.M.P